

SEQUENCE LISTING

<110> Hattori, Sugimura, Keijiro Furuya, Mayumi <120>

Therapeutic Methods and Agents for Diseases Associated with Decreaed Expression of AOP-1 Gene or AOP-1

<130> 58777.000012

<140> 10/642,272

2003-08-18 <141>

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<170> PatentIn version 3.3

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Ala Val Thr Gln His Ala Pro Tyr Phe Lys Gly Thr Ala Val Val Asn 65 70 75 80

Gly Glu Phe Lys Glu Leu Ser Leu Asp Asp Phe Lys Gly Lys Tyr Leu 85 90 95

Val Leu Phe Phe Tyr Pro Leu Asp Phe Thr Phe Val Cys Pro Thr Glu

Ile Val Ala Phe Ser Asp Lys Ala Asn Glu Phe His Asp Val Asn Cys
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Glu Val Val Ala Val Ser Val Asp Ser His Phe Ser His Leu Ala Trp 130 135 140

Ile Asn Thr Pro Arg Lys Asn Gly Gly Leu Gly His Met Asn Ile Thr 145 150 155 160 Page 6

Leu Leu Ser Asp Ile Thr Lys Gln Ile Ser Arg Asp Tyr Gly Val Leu 165 170 175 Leu Glu Ser Ala Gly Ile Ala Leu Arg Gly Leu Phe Ile Ile Asp Pro 180 185 190 Asn Gly Val Val Lys His Leu Ser Val Asn Asp Leu Pro Val Gly Arg Ser Val Glu Glu Thr Leu Arg Leu Val Lys Ala Phe Gln Phe Val Glu 210 220 Thr His Gly Glu Val Cys Pro Ala Asn Trp Thr Pro Glu Ser Pro Thr 225 230 235 240 Ile Lys Pro Ser Pro Thr Ala Ser Lys Glu Tyr Phe Glu Lys Val His Gln <210> 21 <211> <212> DNA <213> Artificial Sequence <220> <223> Forward Primer <400> 7 tgcagtttca gtggattccc a 21 <210> <211> 18 <212> DNA <213> Artificial Sequence <220> <223> Reverse Primer <400> 8 ttcatgtggc ccaaacca 18 <210> 28 <211> <212> DNA <213> Artificial Sequence <220> <223> Probe <400> 9 28 tcttgcctgg atcaacacac caagaaag

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Tyr Arg Gly Lys Tyr Val Val Leu Phe Phe Tyr Pro Leu Asp Phe Thr Page 11

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His Glu Phe Gly Asp Asn Thr Ala Gly Cys Thr Ser Ala Gly Pro His 50 55 60

Phe Asn Pro Leu Ser Arg Lys His Gly Gly Pro Lys Asp Glu Glu Arg 65 70 75 80

His Val Gly Asp Leu Gly Asn Val Thr Ala Asp Lys Asp Gly Val Ala 85 90 95

Asp Val Ser Ile Glu Asp Ser Val Ile Ser Leu Ser Gly Asp His Cys $100 \hspace{1cm} 105 \hspace{1cm} 110$

Ile Ile Gly Arg Thr Leu Val Val His Glu Lys Ala Asp Asp Leu Gly 115 120 125

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